

FIG.1

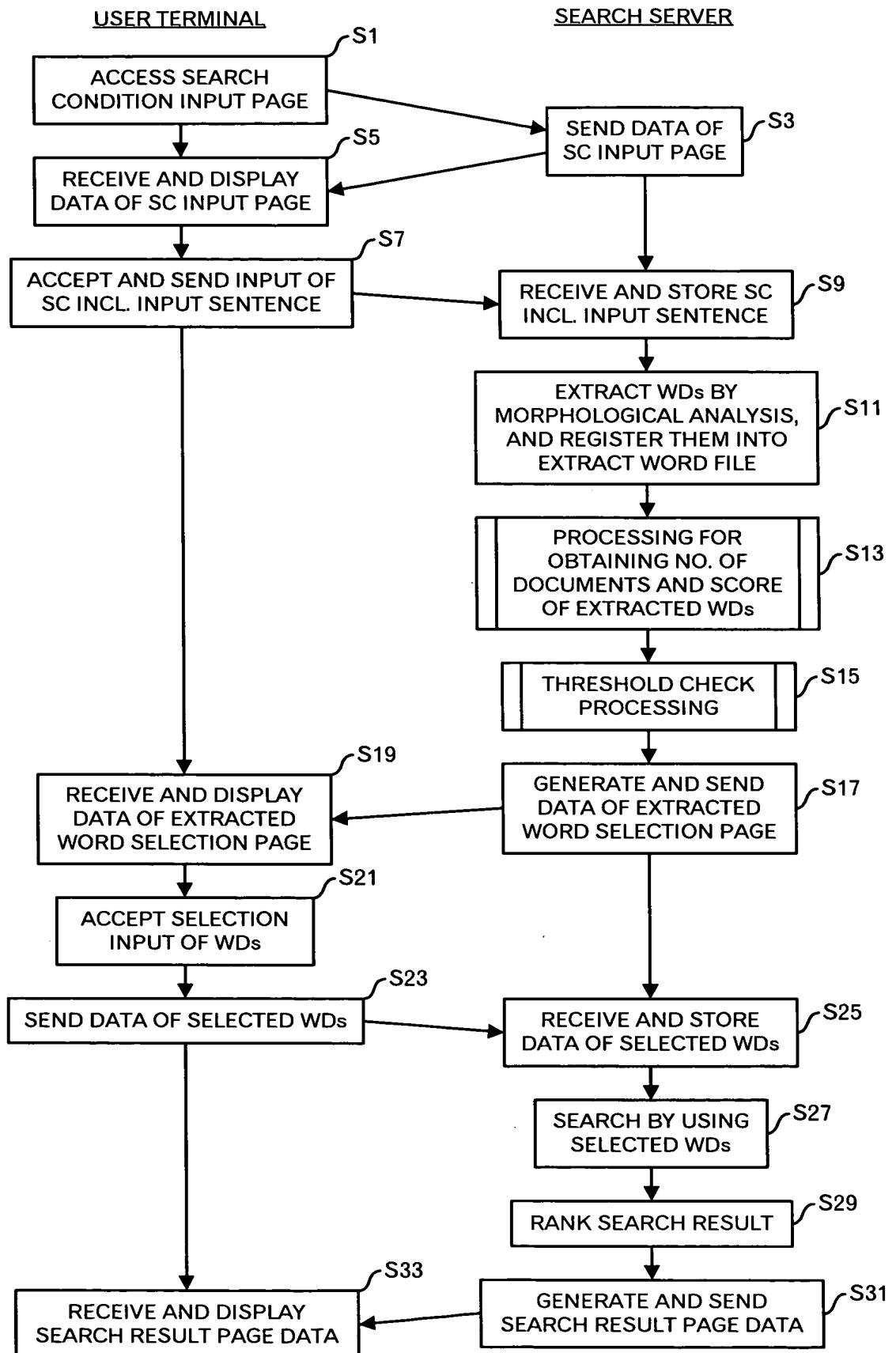


FIG.2

SC: SEARCH CONDITION
WDs: WORDS AND PHRASES

<p>301 SEARCH OBJECT <input type="checkbox"/> ALL PUBLICATIONS (LAID-OPEN/REGISTERED) <input checked="" type="checkbox"/> CLEAR CONDITION EXPRESSION</p> <p>302 EXPANDED WORD AND PHRASE <input type="checkbox"/> FROM SENTENCE</p>	
<p>303 SEARCH <input type="checkbox"/> PLEASE INPUT SENTENCES AND CLICK SEARCH BUTTON</p> <p>304 SENTENCES <input type="checkbox"/> A METHOD FOR PAYING A FEE WITHOUT STOPPING ON THE FREEWAY</p>	
<p>305 306 307 308 309 310 311 312 313 314 315</p>	
<p>306 APPLICANT (PORTION) <input checked="" type="checkbox"/></p> <p>309 APPLICANT (PORTION) <input checked="" type="checkbox"/></p>	<p>310 PUBLICATION ISSUE PERIOD <input type="checkbox"/> A.D. <input type="checkbox"/> YEAR <input type="checkbox"/> MONTH <input type="checkbox"/> DAY ~ <input type="checkbox"/> YEAR <input type="checkbox"/> MONTH <input type="checkbox"/> DAY ~</p>
<p>PROCESSING OBJECT <input type="checkbox"/> ALL <input checked="" type="checkbox"/> NO. OF DISPLAYED DOCUMENTS <input type="checkbox"/> 20 <input checked="" type="checkbox"/></p>	

FIG.3

FREEWAY	STOP	FEE	PAY	METHOD
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FIG.4

WORD OR PHRASE	NO. OF HIT DOCUMENTS	SCORE	SELECTION FLAG
FREEWAY	1000	0.800	ON
SPEEDWAY	800	0.700	ON
EXPRESSWAY	600	0.200	OFF
SUPERHIGHWAY	400	0.500	ON
WAY	100,000	0.500	OFF
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
METHOD	4,000	0.010	OFF

FIG.6

ORIGINAL WORD OR PHRASE	SYNONYM
FREEWAY	SPEEDWAY
	EXPRESSWAY
	SUPERHIGHWAY
	WAY
STOP	HALT
	HOLD
	INTERRUPT
	⋮

FIG.7

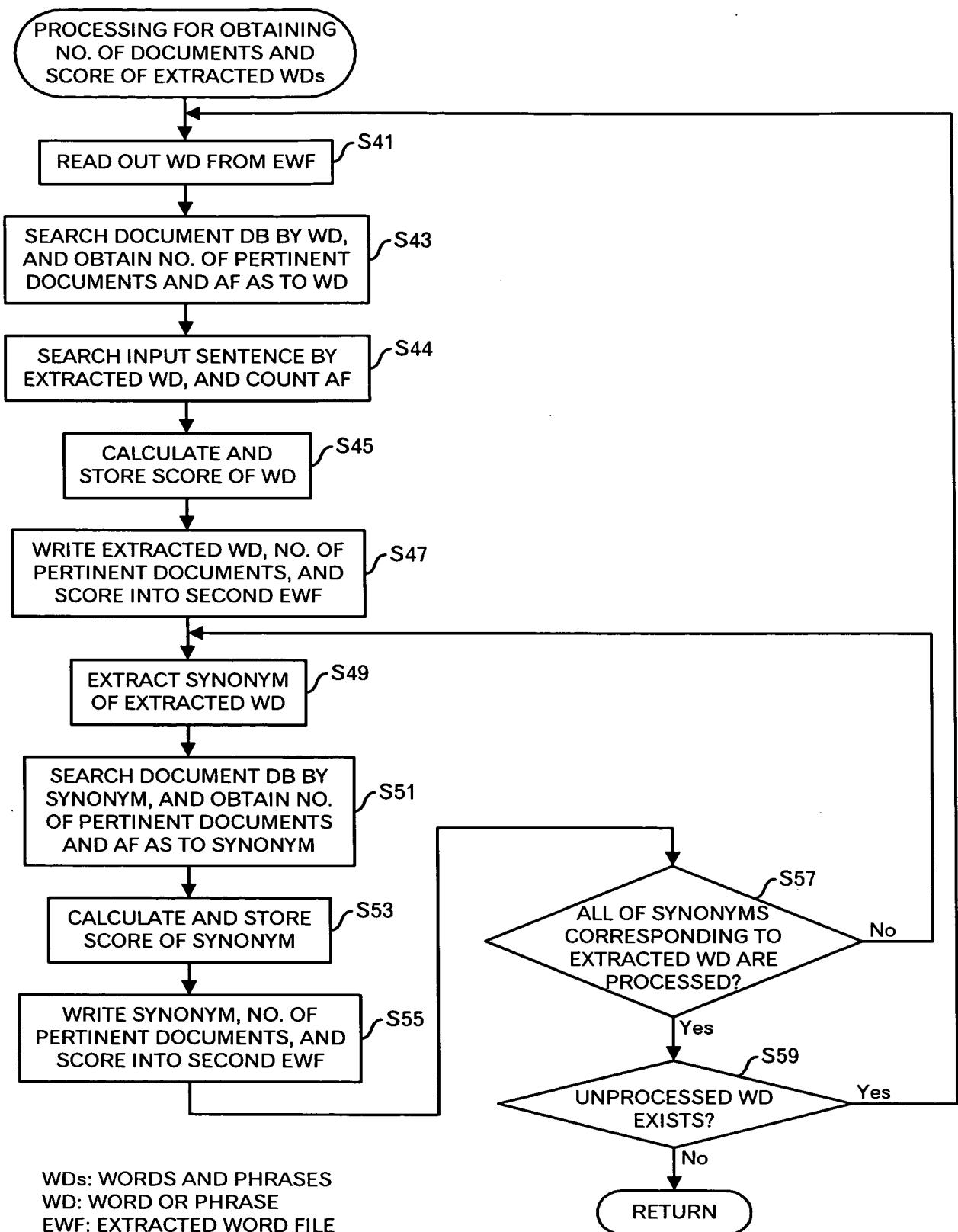


FIG.5

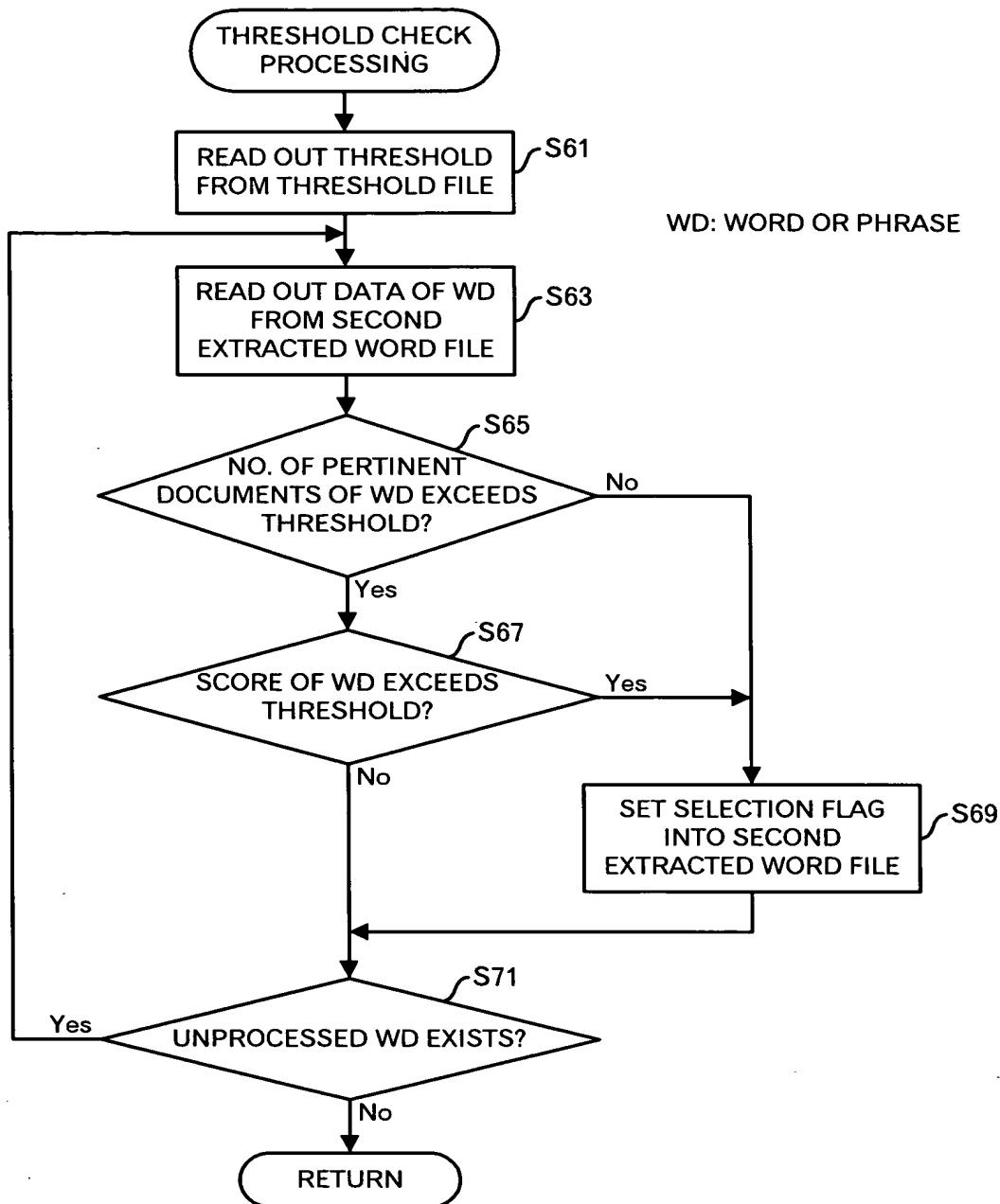


FIG.8

351

352

ITEM	THRESHOLD
NO. OF DOCUMENTS	1000
SCORE	0.300

FIG.9

FIG.10

SCREEN FOR EXTRACTED WORDS AND PHRASES			
SEARCH	EXTRACTED WORD OR PHRASE	SCORE	NO. OF DOCUMENTS
361	<input checked="" type="checkbox"/> FREEWAY	0.800	1000
362	<input checked="" type="checkbox"/> SPEEDWAY	0.700	800
363	<input type="checkbox"/> EXPRESSWAY	0.200	600
364	<input checked="" type="checkbox"/> SUPERHIGHWAY	0.500	400
365	<input checked="" type="checkbox"/> WAY	0.500	100000
	<input checked="" type="checkbox"/>	.	.
	<input checked="" type="checkbox"/>	.	.
	<input type="checkbox"/>	.	.
	<input type="checkbox"/>	.	.
	<input type="checkbox"/>	.	.
	<input type="checkbox"/>	.	.
	<input type="checkbox"/>	.	.
	<input type="checkbox"/> METHOD	0.010	4000
	<input type="checkbox"/>		

SEARCH OBJECT <input type="checkbox"/> ALL PUBLICATIONS (LAID-OPEN/REGISTERED) <input checked="" type="checkbox"/>	EXPANDED WORD AND PHRASE <input type="checkbox"/> FROM SENTENCE <input checked="" type="checkbox"/>
SEARCH <input type="button" value="CLEAR CONDITION EXPRESSION"/>	PLEASE INPUT SENTENCES AND CLICK SEARCH BUTTON
SENTENCES A METHOD FOR PAYING A FEE WITHOUT STOPPING ON THE FREEWAY	
<input type="checkbox"/> APPLICANT (PORTION) <input checked="" type="checkbox"/>	<input type="checkbox"/> ALL INCLUDED <input checked="" type="checkbox"/>
<input type="checkbox"/> APPLICANT (PORTION) <input checked="" type="checkbox"/>	<input type="checkbox"/> ALL INCLUDED <input checked="" type="checkbox"/>
311	
PUBLICATION ISSUE PERIOD <input type="checkbox"/> A.D. <input type="checkbox"/> YEAR <input type="checkbox"/> MONTH <input type="checkbox"/> DAY ~ <input type="checkbox"/> YEAR <input type="checkbox"/> MONTH <input type="checkbox"/> DAY	
SEARCH RESULT: 192,932	PROCESSING OBJECT: <input type="checkbox"/> ALL <input checked="" type="checkbox"/> NO. OF DISPLAYED DOCUMENTS <input type="checkbox"/> 20 <input checked="" type="checkbox"/>
<input type="button" value="NEXT LIST"/>	
<input type="checkbox"/> 00001 JP-A-2000-014427 [TITLE]HOLDER OF TOLL PASS [ABSTRACT][PROBLEM]TO ENABLE MAKING A HOLDER OF A TOLL PA... <input type="checkbox"/> 00002 JP-A-2000-067383 [TITLE]ON-VEHICLE NAVIGATION DEVICE [ABSTRACT][PROBLEM]TO MAKE IDENTIFIABLE AN ARROW... <input type="checkbox"/> 00003 JP-A-2000-142249 [TITLE]COIN CASE FOR AUTOMOBILE [ABSTRACT][PROBLEM]TO PROVIDE A COIN CASE FOR AN AUT... <input type="checkbox"/> 00004 JP-A-2000-090390 [TITLE]TRAFFIC VIOLATION WARNING SYSTEM FOR EXPRESSWAY [ABSTRACT][PROBLEM]TO AUTOM... <input type="checkbox"/> 00005 JP-A-2000-067380 [TITLE]MAP DISPLAY METHOD [ABSTRACT][PROBLEM]TO MAKE RECOGNIZABLE A HIGHWAY AT A GL... 	